

AEG

Drywall and Self Tapping Screw Drivers



**SCR I, SCR II, TC 25
SCR I E, SCR II E, TC 25 E**

Operating Instructions

Features

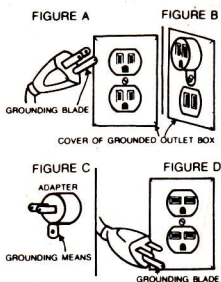
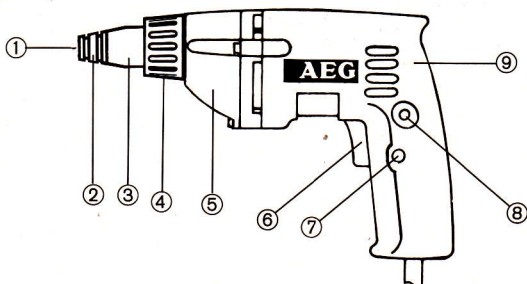
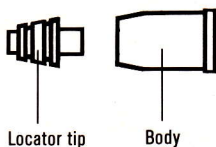
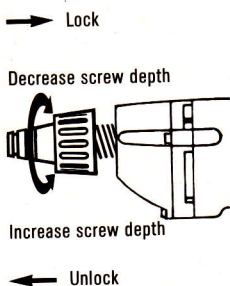
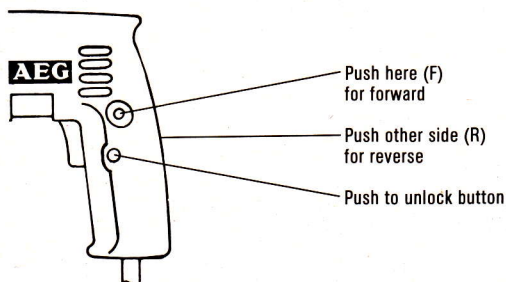
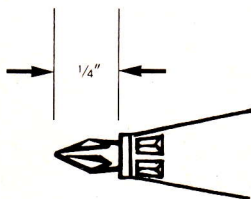


Fig. 1

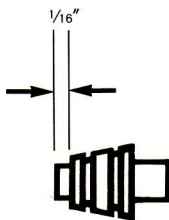
- 1 Bit or nut setter
- 2 Locator tip
- 3 Depth locator
- 4 Locking collar (snap to adjust)
- 5 Gear + clutch housing
- 6 Trigger
- 7 Locking button
- 8 Reversing button
- 9 Motor housing



SCR I, SCR II



TC 25

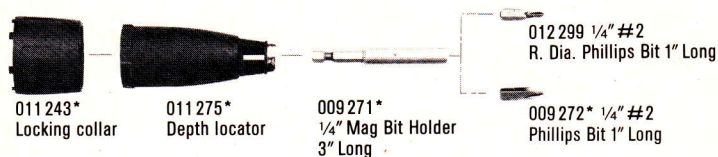


Standard Parts and Accessories

Use any parts and accessories as per the enclosed parts list.
The use of other accessories or attachments might create a hazardous condition.

SCR I and SCR II Single speed Drywall Screwdrivers

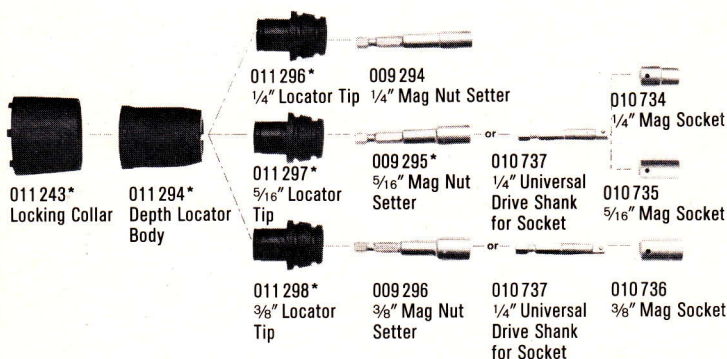
SCR IE and SCR IIE Variable speed Drywall Screwdrivers



TC 25 Single speed Tech Driver

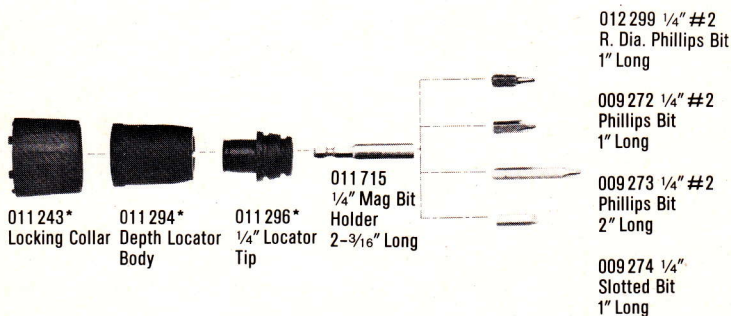
TC 25 E Variable speed Tech Driver

Accessories for Hex Head Fasteners



TC 25 and TC 25 E

Accessories for Phillips Head and Slotted Screws



AEG reversible electric screwdrivers are your number one tools for driving fasteners quickly, with high economy and operator comfort. Each has an easy-to-hold pistol grip handle, ball and needle bearing construction, and the premium quality of hardened, heat-treated helical gears for quiet running and smooth power transfer. All AEG screwdrivers have a worksaving reversing feature and adjustable depth locator to prevent over-driving.

Safety Rules for Portable Power Tools

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

1. **Read and follow all instructions.**
2. **Keep work area clean** - Cluttered areas and benches invite accidents.
3. **Keep work area well lit.**
4. **Keep children away** - Do not permit children to contact tool or extension cord. All visitors should be kept a safe distance from work area.
5. **Dress properly** - Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of non-skid footwear is recommended. Rubber gloves and footwear are recommended when working outdoors. Wear protective covering to contain long hair.
6. **Use safety glasses** - Also use face or dust mask if cutting operation is dusty.
7. **Use right tool** - Don't use tool for purpose not intended - For example - Don't use a circular saw for cutting limbs or logs.
8. **Do not abuse cord** - Never carry tool by cord. Do not yank cord to disconnect from receptacles. Keep cord away from heat, oil and sharp edges. Hold tool by insulated handles or parts. Tool can be made live if blade touches live wiring in a wall, floor or ceiling.
9. **Maintain tools with care** - Keep tools sharp and clean for best and safest performance. Follow instructions for changing accessories. Inspect tool cord periodically and if damaged have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
10. **Store idle tools** - When not in use, tools should be stored in dry, high, or locked-up place - out of reach of children.
11. **Be sure your power supply agrees with the nameplate marking.** Your tool will operate on a supply source that is within 5% of the Voltage specified.
12. **Outdoor use extension cords.** When tool is used outdoors, use only extension cords suitable for use outdoors and so marked.
13. **Secure work** - Use clamps or a vise to hold small work. It's safer than using your hand and it frees both hands to operate tool.
14. **Stay alert** - Watch what you are doing - use common sense. Do not operate tool when fatigued.
15. **Don't overreach** - Keep proper footing and balance at all times.
16. **Warning - guard against electric shock hazard** - Don't expose the tools to rain - Don't use tools in damp or in wet locations - Avoid body contact with grounded surfaces (e.g. water pipes, radiators, refrigerator enclosures, etc.) - Inspect tool's cord periodically and have it replaced if damaged. Inspect extension cords periodically if damaged.
17. **Avoid unintentional starting of tool.** Don't carry tool with finger on switch. Be sure switch is off when plugging in.
18. **Disconnect tools** - When not in use; before servicing; when changing blades.

19. **Don't force tool** - It will do the job better and safer at the rate for which it was designed. Don't force small tool or attachment to do the job of a heavy duty tool.
20. **Do not operate portable electric tools in gaseous or explosive atmospheres.** Motors in these tools normally spark, and the sparks ignite fumes.
21. **Remove adjusting keys and wrenches** - Form habit of checking to see that adjusting keys and wrenches are removed from tool before turning it on.
22. **Check damaged parts before further use of the tool.** A guard, or other part that is damaged, should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized center. Do not use tool if switch does not turn it on and off.
23. **Save these instructions.**

Grounding Instructions for USA Canadian Tools

Fig. 2

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire.

Never connect the green (or green and yellow) wire to a live terminal!

If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc. must be connected to a permanent ground; such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D.

Extension Cords

Use only three-wire extension cords with three-prong grounding type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords. (Refer to Safety Rule No. 16.)

Extension cords must have the proper wire size to keep power loss at a minimum and to prevent overheating or motor burn-out.

To determine the minimum size wire required, see table on the last page.

For Double Insulated Tools

If your tool is provided with a two-wire cord and a two-prong plug, it does not require grounding. If the primary insulation system of your tool fails, the second (or double) insulating system will protect you from possible shock. However, double insulation does not take the place of normal safety precautions.

Replacement Parts

When servicing use only identical replacement parts.

Use:

Read the name plate of your tool. The rated voltage should correspond with your power supply.

Caution:

Applications which could cause this tool to be driven at higher or lower than its rated speed are potentially dangerous and constitute misuse. This includes the use of voltage or power boosters and external speed-control devices of any kind.

If this tool should be operating from an alternator or a generator, the minimum recommended rating is 1,000 Watts, 115 Volts, 60 cycles.

Operation:

1. The Switch and Lock Button, See Fig. 3.

The tool is operated by squeezing the trigger. When the trigger is depressed fully the lock button can be pushed in and the tool will remain at full speed without any pressure on the trigger. To disengage the lock button pull the trigger in and then release it.

Tools which have variable speed switches can be locked in two speed positions. When the trigger is squeezed half way the lock button can be pushed in and the tool will remain at half speed. To disengage the lock button pull the trigger in and then release it.

Do not use the lock button in situations where binding of the bit or nut setter may occur, causing the tool to stop suddenly.

2. The Reversing Button, See Fig. 3.

The black reversing button located above the orange lock button can be operated with the thumb or forefinger in the same convenient manner as the lock button. Depressing it from the side marked with an "F" as shown at right will result in the tool rotating in the forward direction for use in fastener application. Depressing it from the side marked an "R" will result in the tool rotating in the reverse direction. The reversing button can not be moved while the trigger is depressed. Reverse the tool only when motor has come to a complete stop; otherwise, the life of the motor may be affected.

3. The Nose Piece

A. Installing or replacing bit holders or nut setters

See Fig. 4.

To replace the drywall bit or nut setter pull out the locking collar and rotate as shown until the locking collar and depth locator are free. Pull out the bit holder or nut setter (use pliers if necessary on a new tool). Replace the bit holder or nut setter by snapping it back into the hex opening. (Note: When changing the locator tip pull the tip from the body and snap in a new tip as shown in Fig. 5.) Replace the depth locator

and locking collar by rotating them together as shown. (Locking collar must be on depth locator to replace.)

B. Setting Depth

The adjustable nose piece of your tool will automatically drive a screw to a preset depth. To adjust your screwdriver so it will drive screws to the desired depth, unlock the locking collar as shown in Fig. 4. Turn the depth locator until depth shown in Fig. 6 for bit holders or depth shown in Fig. 7 is attained. In order to increase or decrease this depth, turn the depth locator as shown in Fig. 4. Each pin change ($\frac{1}{12}$ turn) will result in a depth change of 0.005". The locking collar must be locked after each adjustment to maintain the setting.

Capacity

Drywall Screw Driver are designed for fast, easy installation of drywall panels on metal, aluminum, or wood studs. They drive standard drywall screws up to No. 12 with a maximum length of 3". TC 25 Screw Drivers are designed for driving self-drilling, self-tapping Tek®-type screws into steel up to a maximum thickness of $\frac{1}{4}$ ". Use standard screws up to No. 14.

All drivers utilize standard $\frac{1}{4}$ " accessories. However, accessories should be selected for impact duty. Early failure can be expected from accessories which were made for hand use only.

Maintenance

Keep Tool Clean

Dust and foreign particles will accumulate in the vents and passages of your tool, and should be removed by blowing them out with compressed air. Safety glasses should be worn while performing this operation.

A solution of detergent and water on a damp should be used to clean the housing. Never use petroleum solvents such as gasoline, as these may deteriorate non-metallic parts.

Failure to start

Should the tool fail to start, first check to make sure the power cord is in good condition, and the prongs on the plug are clean and making good contact. Check to make sure that the electrical circuit is energized and that a fuse or circuit breaker has not ruptured.


Service and repairs

All quality power tools require service from time to time. When service is needed, including replacement of power cord, switch, or brushed, it should **only** be performed by an **authorized AEG service station**, or an **AEG factory service center**.

Important Information about the Use of Extension Cords

Use the right extension cord. An extension cord should have a suitable wire size for the overall cord length and tool amperage rating. This is to prevent a serious voltage drop, power loss and possible motor damage. Generally, heavier gauge wire is required as cord length increases. Use the recommendations in this table. This table is based on limiting line voltage drop to 5 volts at 150 % of rated amperes.

Extension Cord Length, ft.	Amperage Rating of Tool					
	0-2	2.1-3.4	3.5-5	5.1-7	7.1-12	12.1-16
	Recommended Wire Size (Gauge)					
25	18	18	18	18	16	14
50	18	18	18	16	14	12
75	18	18	16	14	12	10
100	18	16	14	12	10	8
150	16	14	12	10	8	8
200	16	14	12	10	8	6
300	14	12	10	8	6	4
400	12	10	8	6	4	4
500	12	10	8	6	4	2
600	10	8	6	4	2	2
800	10	8	6	4	2	1

 Not normally available as flexible extension cord.

